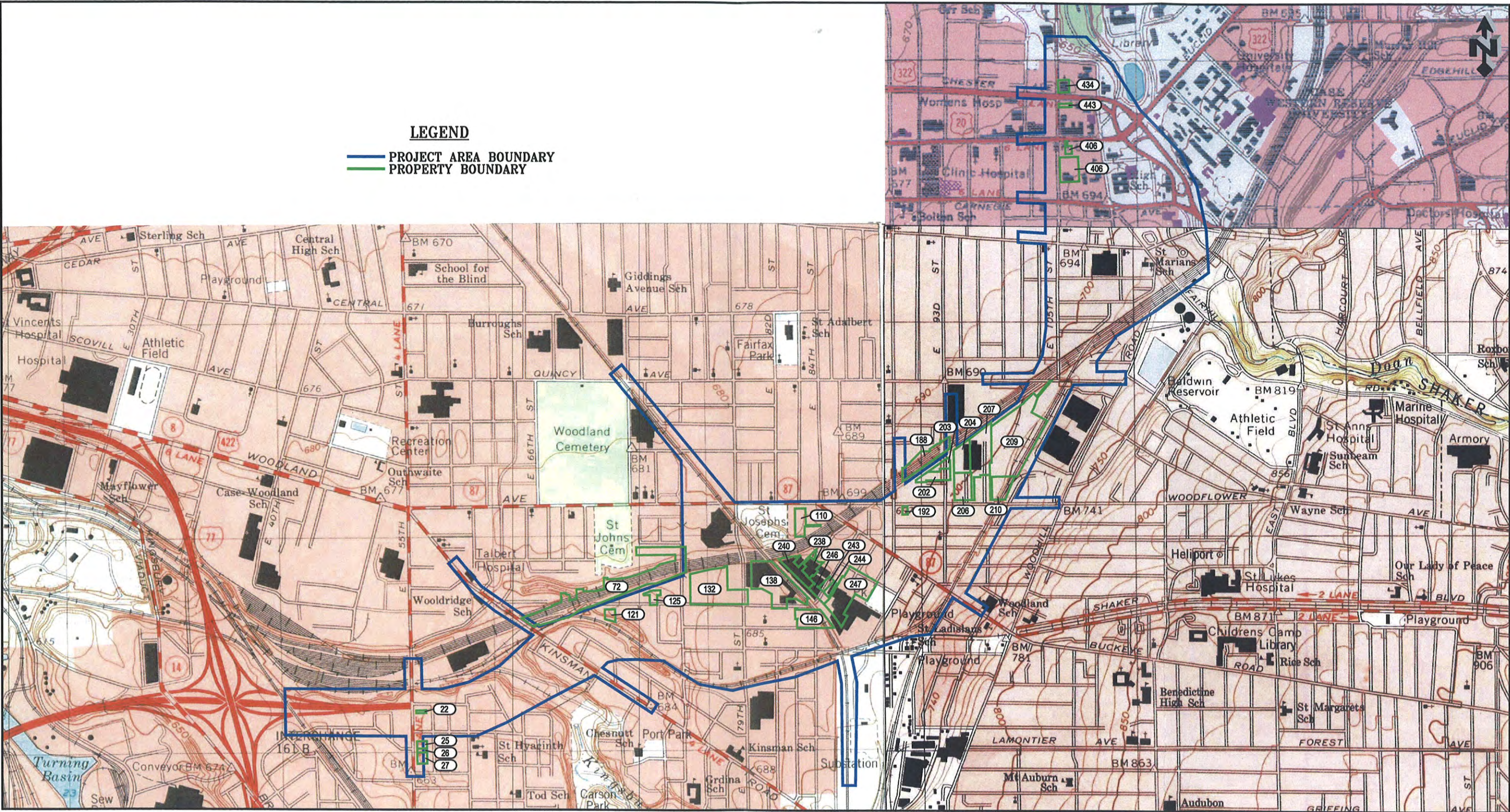

APPENDIX B

USGS TOPOGRAPHIC MAP

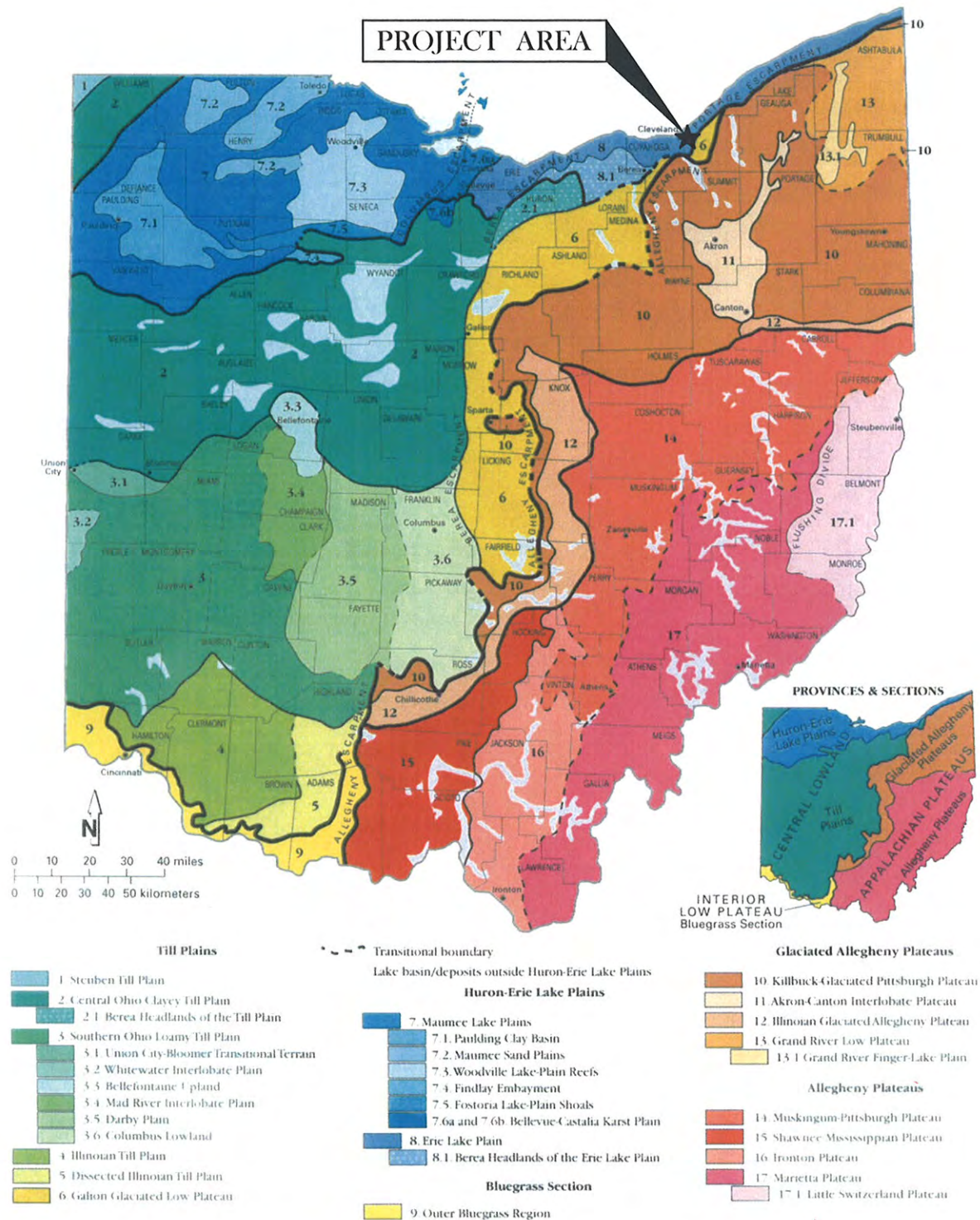
USGS TOPOGRAPHIC MAP
1994 CLEVELAND SOUTH, 1994 SHAKER HEIGHTS, 1994 EAST CLEVELAND, OHIO QUADRANGLES



APPENDIX C

PHYSIOGRAPHIC REGIONS MAP OF OHIO

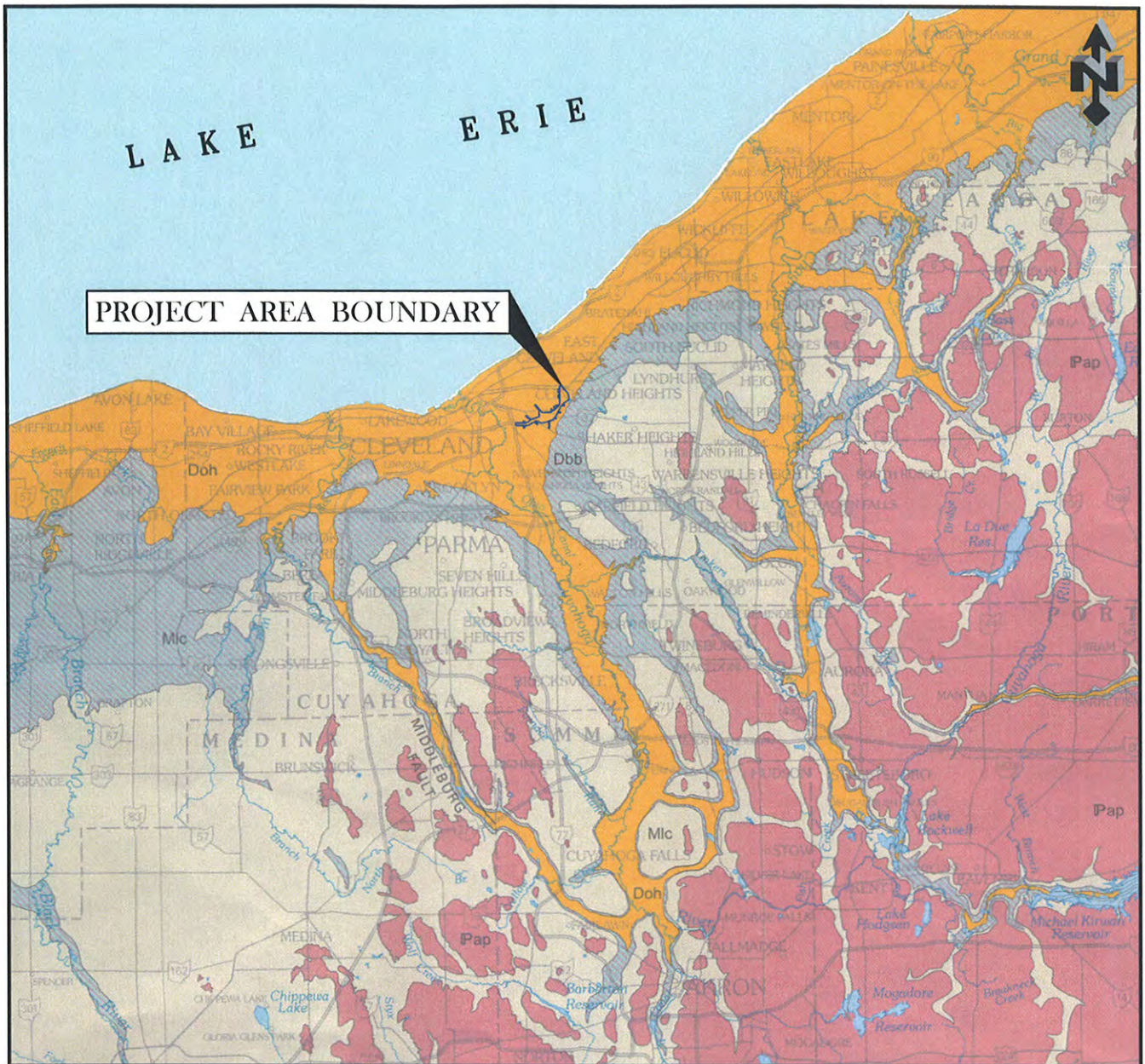
PHYSIOGRAPHIC REGIONS OF OHIO



APPENDIX D

GEOLOGIC MAP OF OHIO

2006 BEDROCK GEOLOGIC MAP OF OHIO



LEGEND



Ohio Shale (Upper Devonian) (mapped interval includes Olentangy Shale south of central Delaware County)—Unit consists generally of three members, in descending order: Cleveland, Chagrin, and Huron Members. Cleveland Member, shale; black; thickest in north-central portion of state; thins south and eastward; absent in northeastern portion of state. Chagrin Member, shale, siltstone, and very fine-grained sandstone; gray to greenish gray; thickest in northeastern portion of state; grades into underlying and overlying black shale members; thins southwestward, becomes Three Lick Bed in southern portion of state. Huron Member, shale; mostly black; carbonaceous; calcareous concretions common in lower portion. Olentangy Shale, mostly upper portion; thin; present but not mapped as separate unit south of central Delaware County; absent on Bellefontaine Outlier; see Olentangy Shale for description. Unit structurally deformed in Serpent Mound Impact Structure (see fig. 3).

APPENDIX E

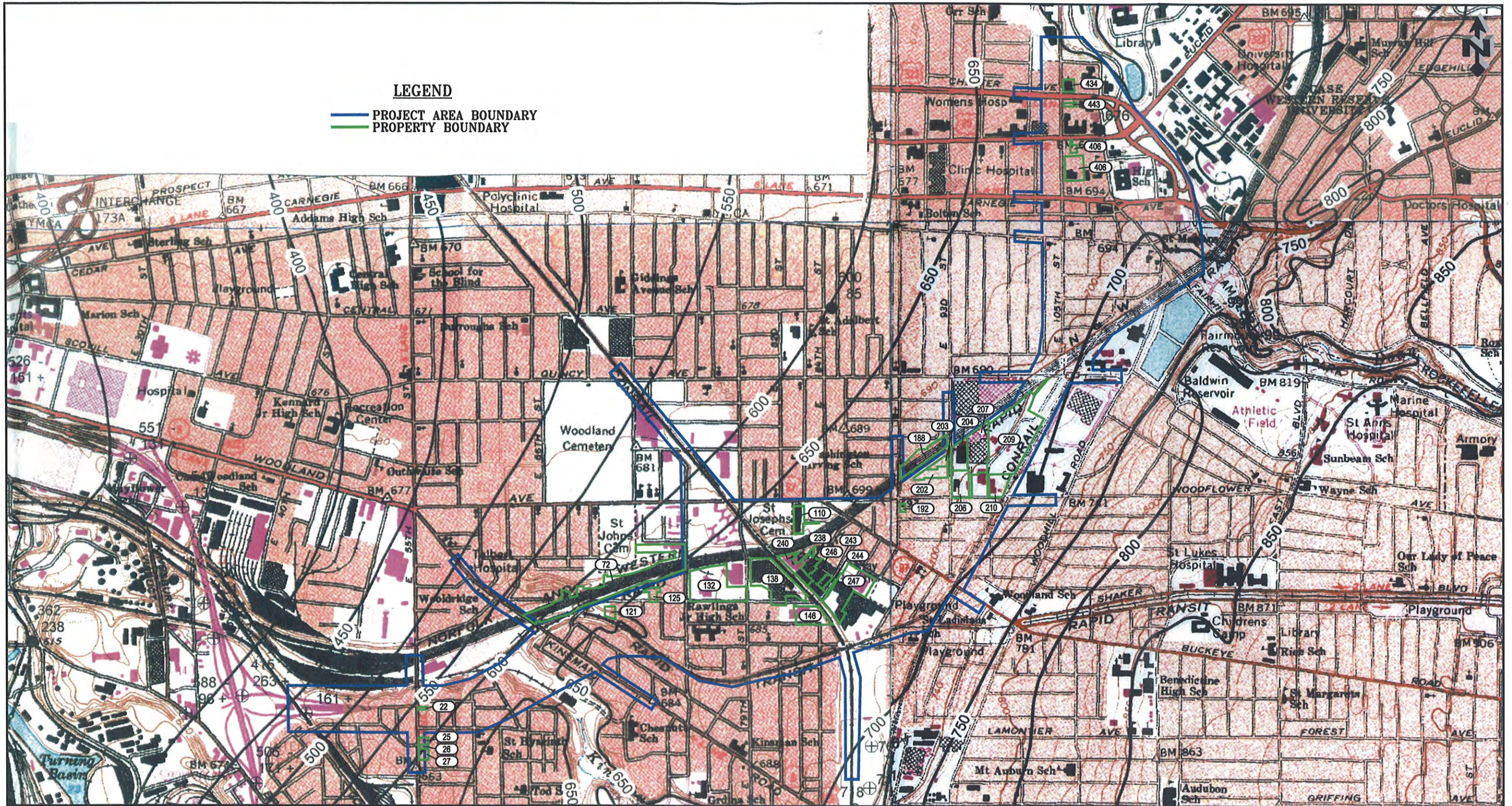
USGS BEDROCK TOPOGRAPHIC MAP

BEDROCK TOPOGRAPHY MAP

1996 CLEVELAND SOUTH, 2002 SHAKER HEIGHTS, 2002 EAST CLEVELAND, OHIO QUADRANGLES

LEGEND

- PROJECT AREA BOUNDARY
- PROPERTY BOUNDARY



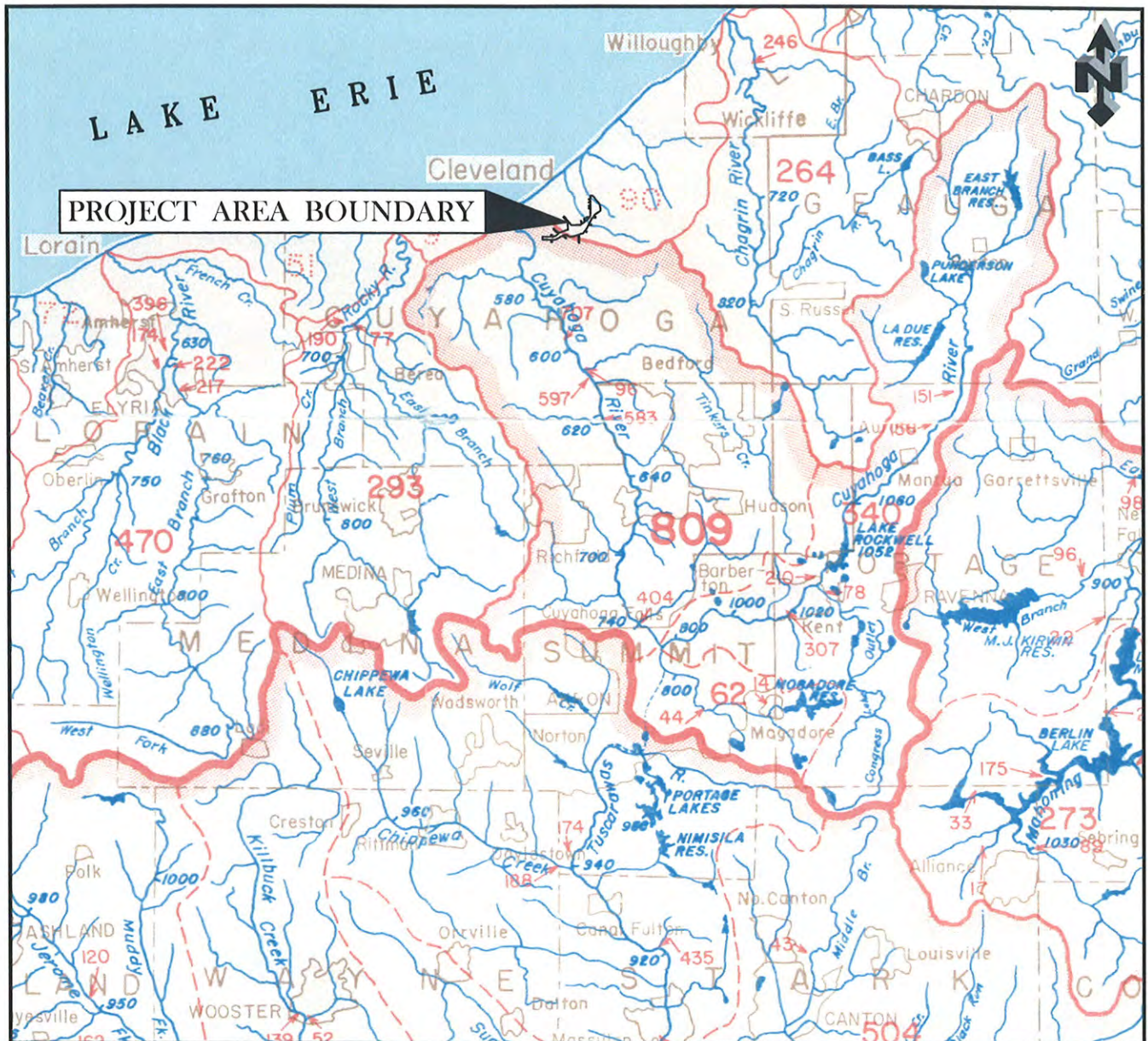
SCALE: 1"=1500'



APPENDIX F


PRINCIPAL STREAMS AND THEIR DRAINAGE AREAS MAP

PRINCIPAL STREAMS AND DRAINAGE AREAS



LEGEND

Areas of drainage basins, in square miles, are shown by red figures as follows:

- 1757** Areas enclosed by shaded red lines
- 517** Areas enclosed by unshaded red lines
- 313** Auxiliary land areas within the limits of the State.
-  **6715** Drainage areas above points indicated by arrows



Approximate low-water elevation in feet above sea level.



Navigation lock and dam.



Reservoir



Selected urbanized areas, communities, and county seats chosen to aid in map orientation.

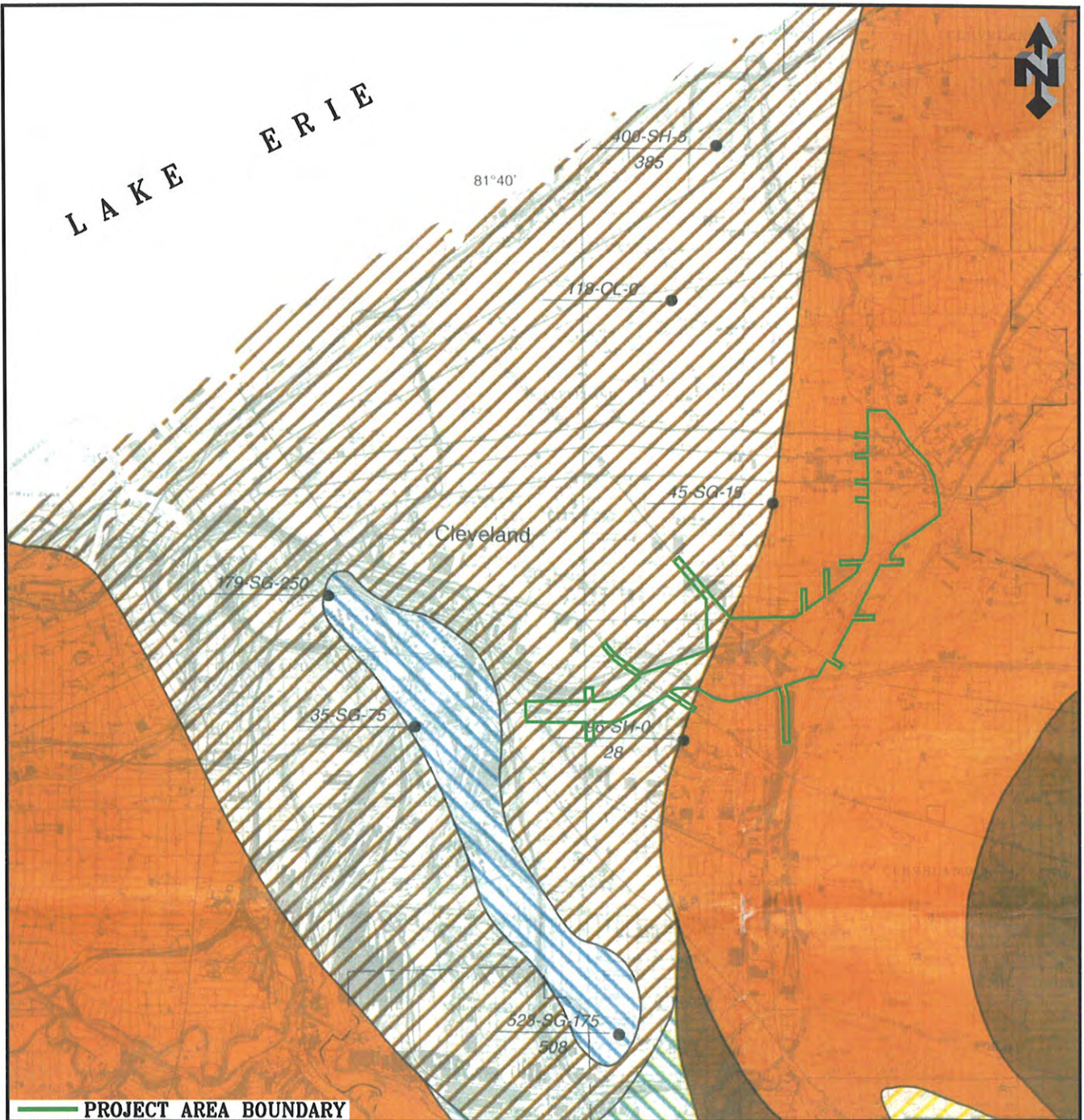
APPENDIX G

CUYAHOGA COUNTY GROUND WATER RESOURCES MAP

1:2009489113 Phase I Report/CADD/SS-PI-1-09113.GRD/WAT.dwg gshart Apr 05, 2011

GROUND WATER RESOURCES MAP

1992 CUYAHOGA COUNTY, OHIO



LEGEND

AREAS IN WHICH 3 TO 10 GALLONS PER MINUTE MAY BE DEVELOPED



Buried valleys contain 200 to 300 feet of fine sand, silt, and clay. Drilled wells yield meager supplies unless encountering thin, isolated sand and gravel lenses.

AREAS IN WHICH LESS THAN 3 GALLONS PER MINUTE MAY BE DEVELOPED

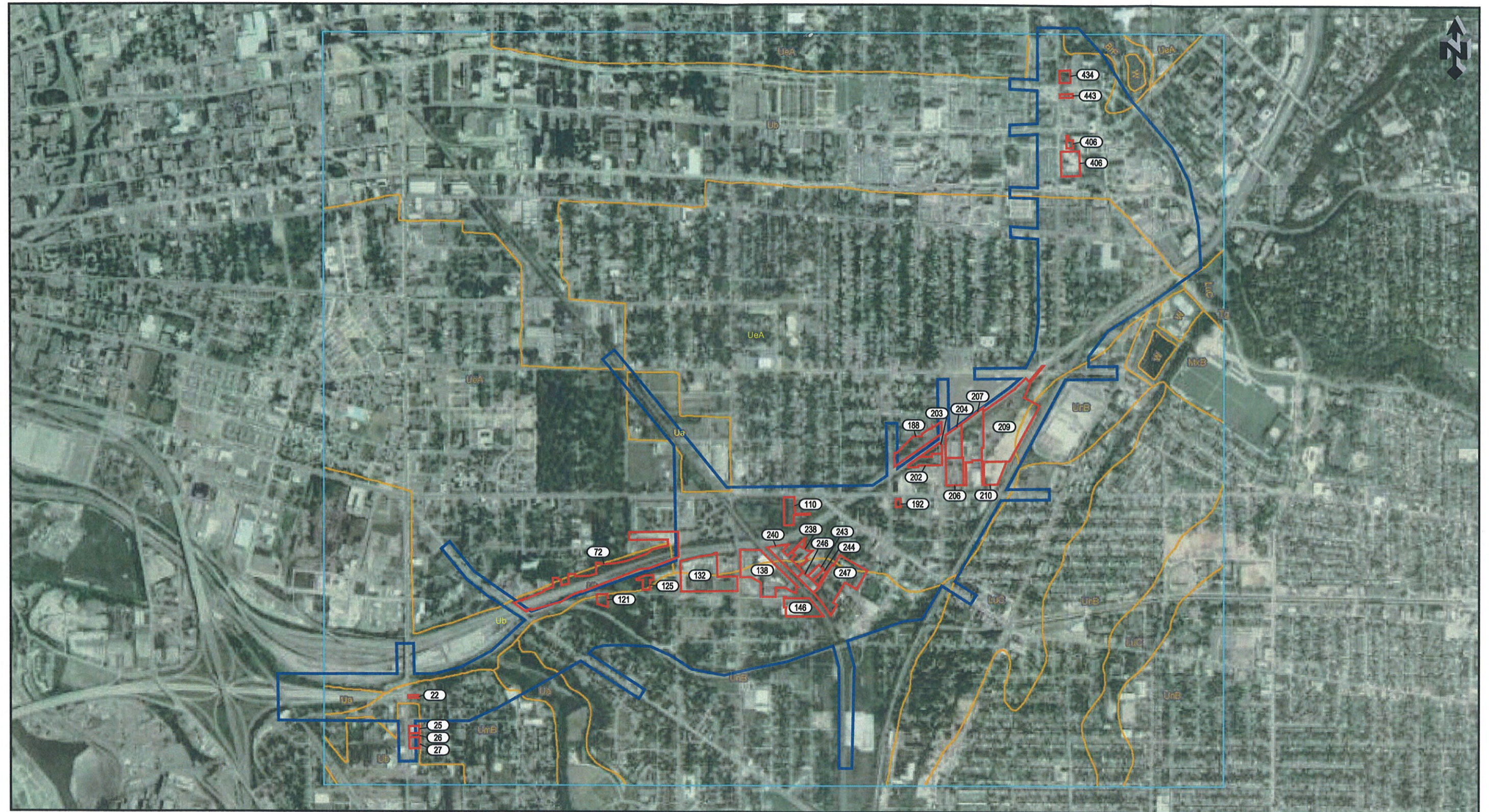


Impermeable deposits, basically clay overlaying shale or shaley sandstone, provide a very poor area for even minimal domestic supplies. Brackish water and dry wells are common. Storage is necessary to supply peak demands.

APPENDIX H

SOIL SURVEY MAP

SOIL SURVEY MAP CUYAHOGA COUNTY



LEGEND

- PROJECT AREA BOUNDARY
- PROPERTY BOUNDARY

SCALE: 1"=1500'



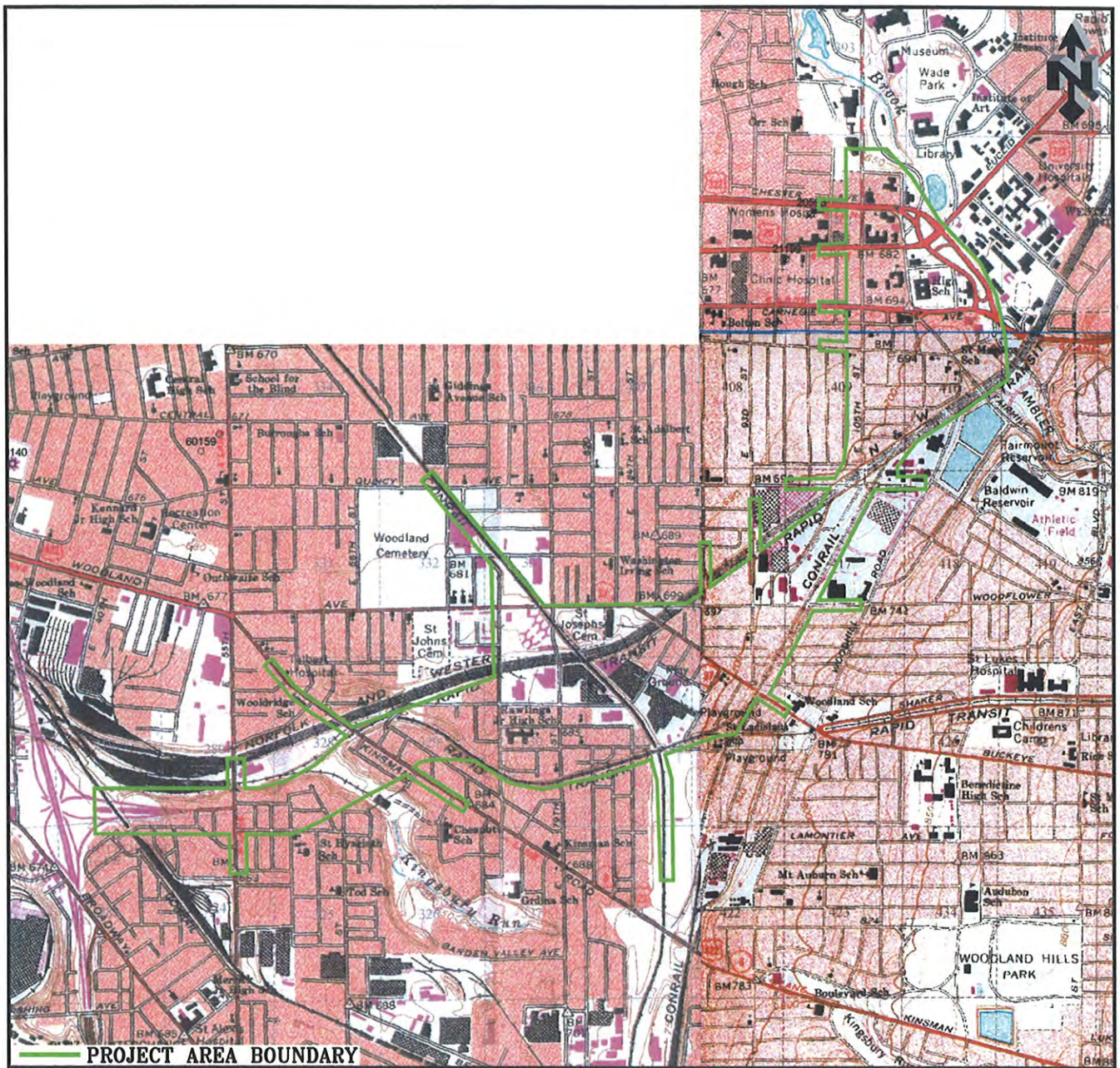
APPENDIX I

ODNR OIL AND GAS WELL MAP

OIL AND GAS WELL MAP

1983 CLEVELAND SOUTH, 1983 SHAKER HEIGHTS

1983 EAST CLEVELAND, OHIO QUADRANGLE

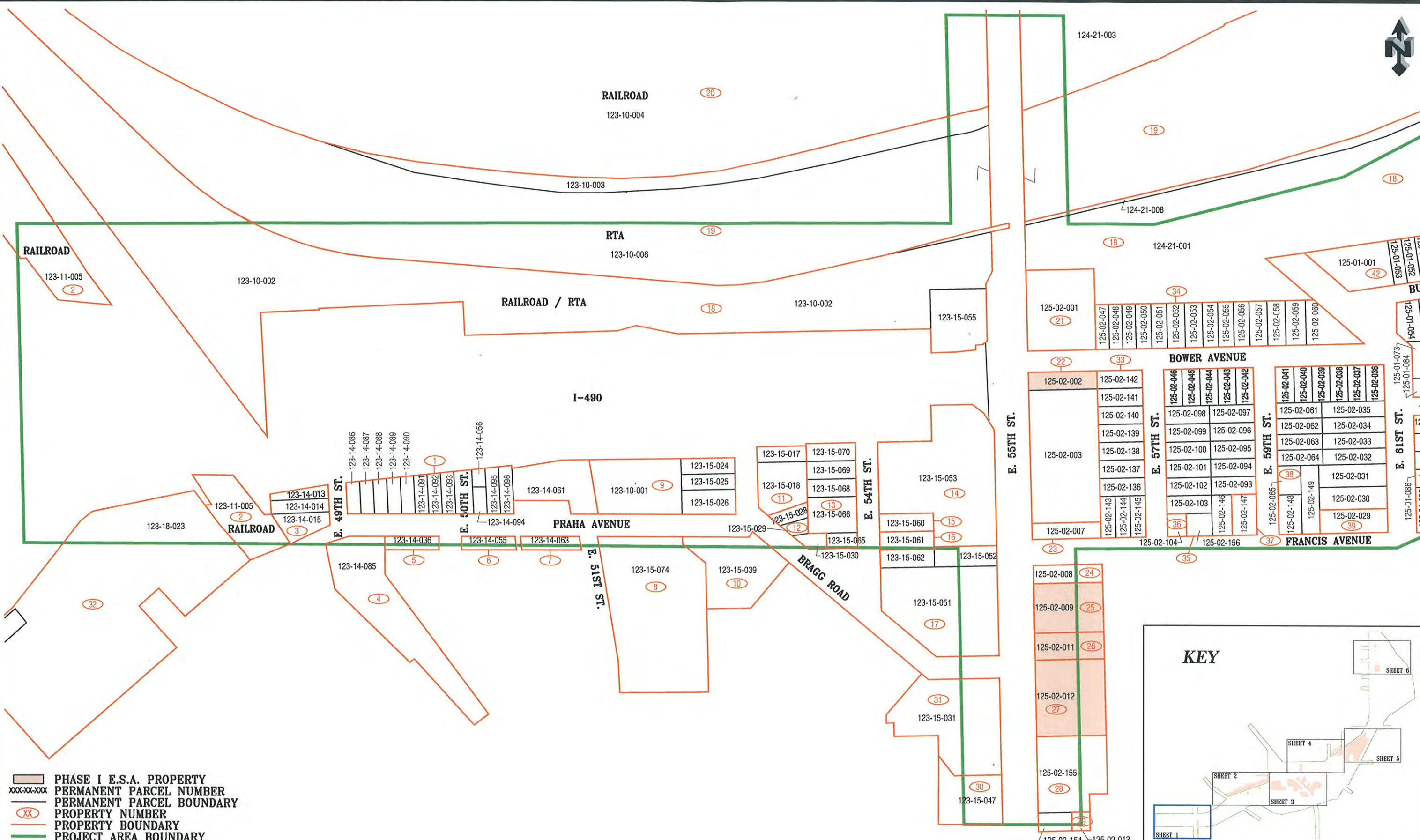


WELL SYMBOLS		
★ UNKNOWN STATUS	⊙ GAS AND OIL SHOW	⊙ PLUGGED GAS
⊙ BRINE FOR DUST CONTROL	⊙ INJECTION	⊙ PLUGGED GAS WITH OIL SHOW
⊙ COALBED METHANE	⊙ LOST HOLE	⊙ PLUGGED INJECTION
⊙ DRY HOLE	⊙ OBSERVATION	⊙ PLUGGED OIL
⊙ DRY HOLE WITH GAS SHOW	⊙ OIL AND GAS CONVERTED TO WATER	⊙ PLUGGED OIL AND GAS
⊙ DRY HOLE WITH OIL AND GAS SHOW	● OIL	⊙ PLUGGED OIL WITH GAS SHOW
⊙ DRY HOLE WITH OIL SHOW	⊙ OIL AND GAS	⊙ RADIOACTIVE TOOL LOST IN HOLE
⊙ EXPIRED PERMIT LOCATION	⊙ OIL WITH GAS SHOW	⊙ SOLUTION MINING
⊙ GAS	⊙ OIL SHOW	⊙ GAS STORAGE
⊙ GAS WITH OIL SHOW	⊙ PERMITTED LOCATION	⊙ STRATIGRAPHY TEST
⊙ GAS SHOW	⊙ PLUGGED BRINE FOR DUST CONTROL	⊙ WATER SUPPLY

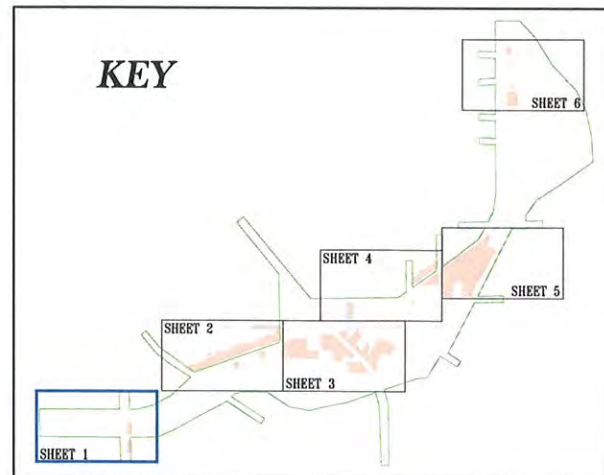
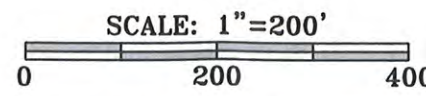
APPENDIX J

CURRENT TAX MAP

1/20/2019 10:31 PM Parcel Report (C:\AD\GIS\PH-1-09113-ASIS-JMP-DWG.mxd) Map 30.2011



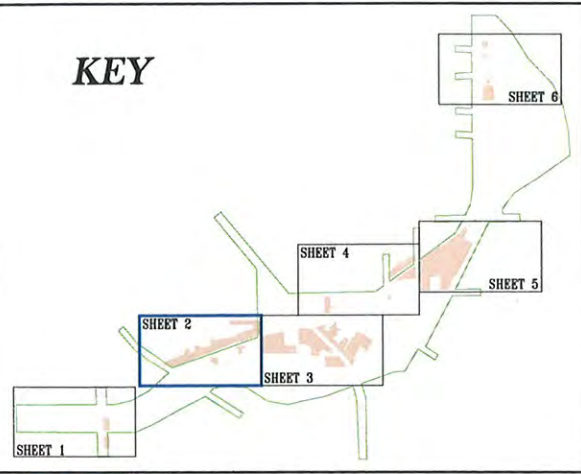
- PHASE I E.S.A. PROPERTY
- PERMANENT PARCEL NUMBER
- PERMANENT PARCEL BOUNDARY
- PROPERTY NUMBER
- PROPERTY BOUNDARY
- PROJECT AREA BOUNDARY



SHEET 1 OF 6
PROPERTY #22, 25, 26 & 27
OPPORTUNITY CORRIDOR
CLEVELAND, CUYAHOGA COUNTY, OHIO

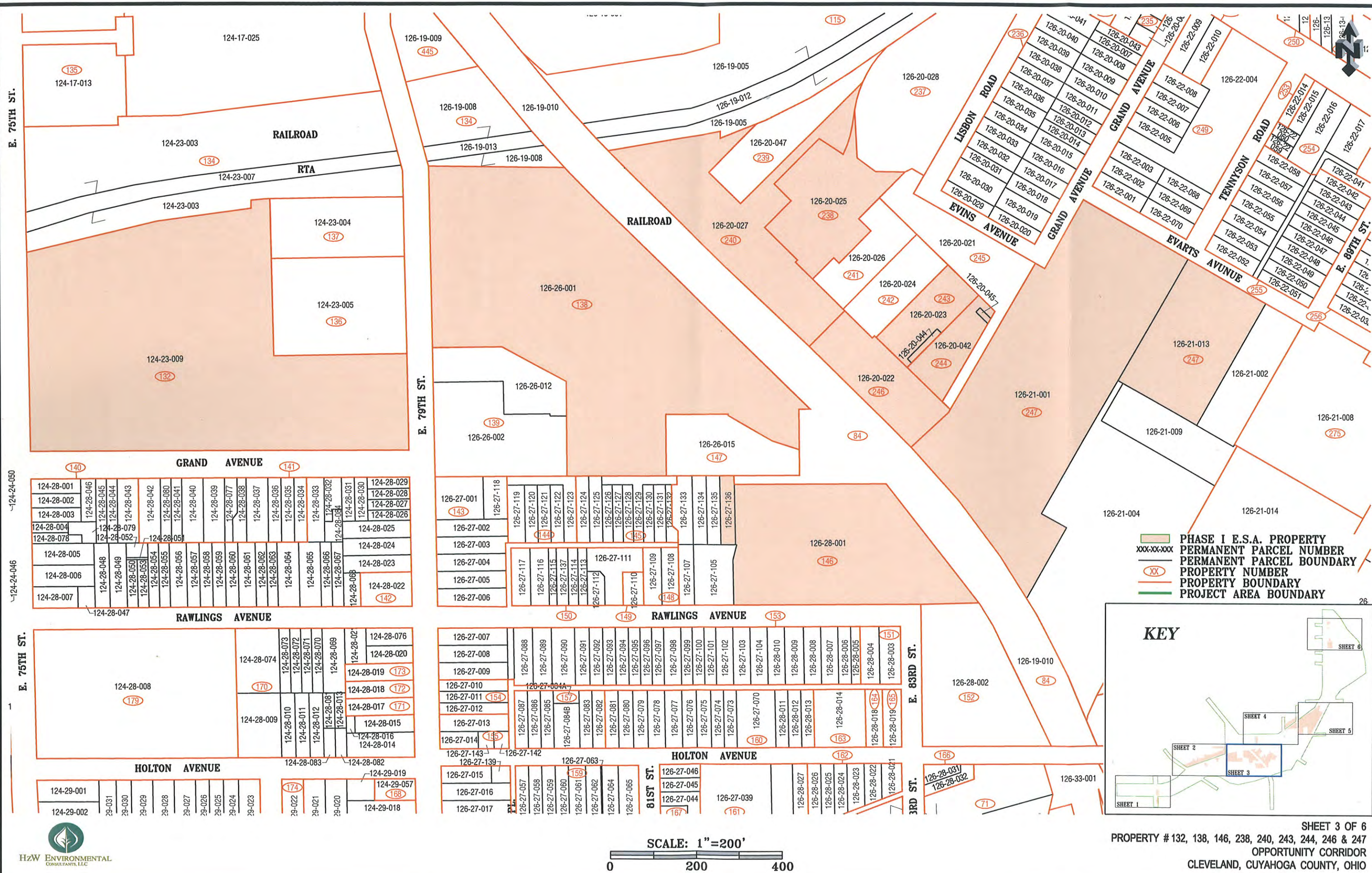
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KEY



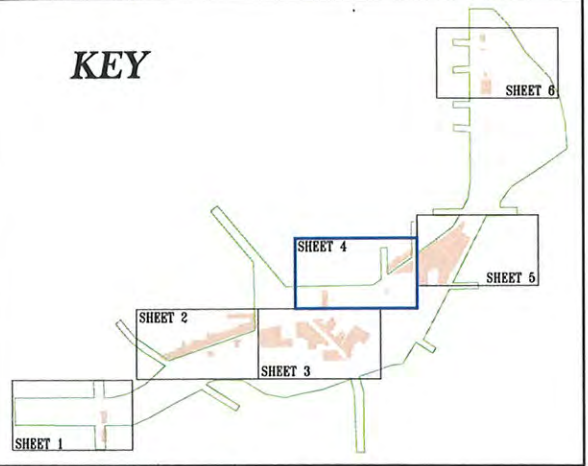
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- PERMANENT PARCEL NUMBER
- PERMANENT PARCEL BOUNDARY
- PROPERTY NUMBER
- PROPERTY BOUNDARY
- PROJECT AREA BOUNDARY



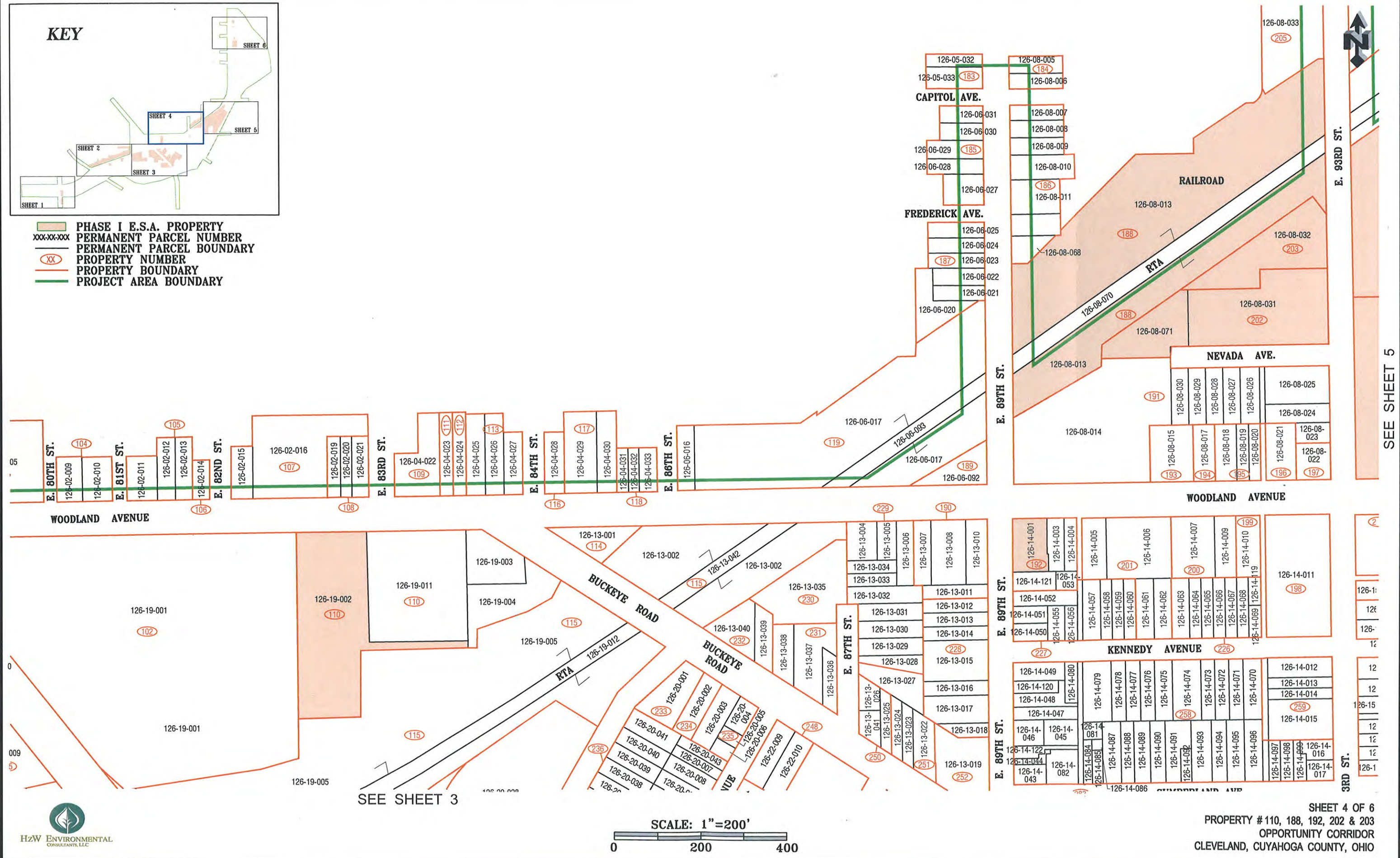


1209090913 Project Report (C:\ADMS\SPH-0913\SSS-APP-DWG.dwg) Date: Apr 05, 2011

KEY



- PHASE I E.S.A. PROPERTY
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- PERMANENT PARCEL BOUNDARY
- PROPERTY NUMBER
- PROPERTY BOUNDARY
- PROJECT AREA BOUNDARY



SEE SHEET 5



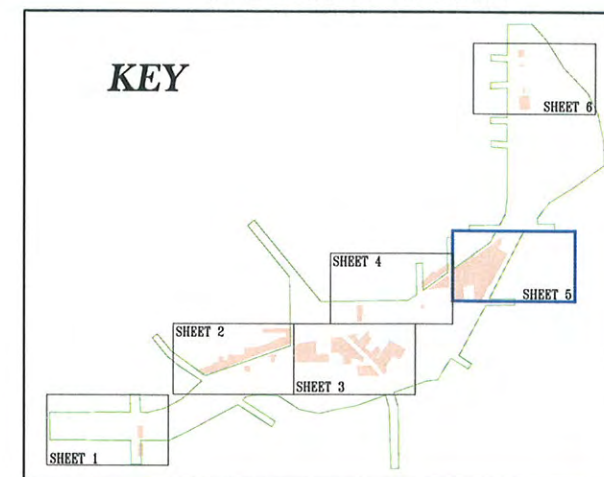
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SHEET 4 OF 6
PROPERTY # 110, 188, 192, 202 & 203
OPPORTUNITY CORRIDOR
CLEVELAND, CUYAHOGA COUNTY, OHIO

12090501137-Phase I Report CAD/USP/PH-03113-8/5E-4/05 DWS mchdwy Feb 24, 2011



- PHASE I E.S.A. PROPERTY
- PERMANENT PARCEL NUMBER
- PERMANENT PARCEL BOUNDARY
- PROPERTY NUMBER
- PROPERTY BOUNDARY
- PROJECT AREA BOUNDARY



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SHEET 5 OF 6
PROPERTY # 204, 206, 207, 209 & 210
OPPORTUNITY CORRIDOR
CLEVELAND, CUYAHOGA COUNTY, OHIO

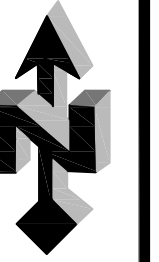
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APPENDIX K

AERIAL PHOTOGRAPHS

1963 AERIAL PHOTOGRAPH



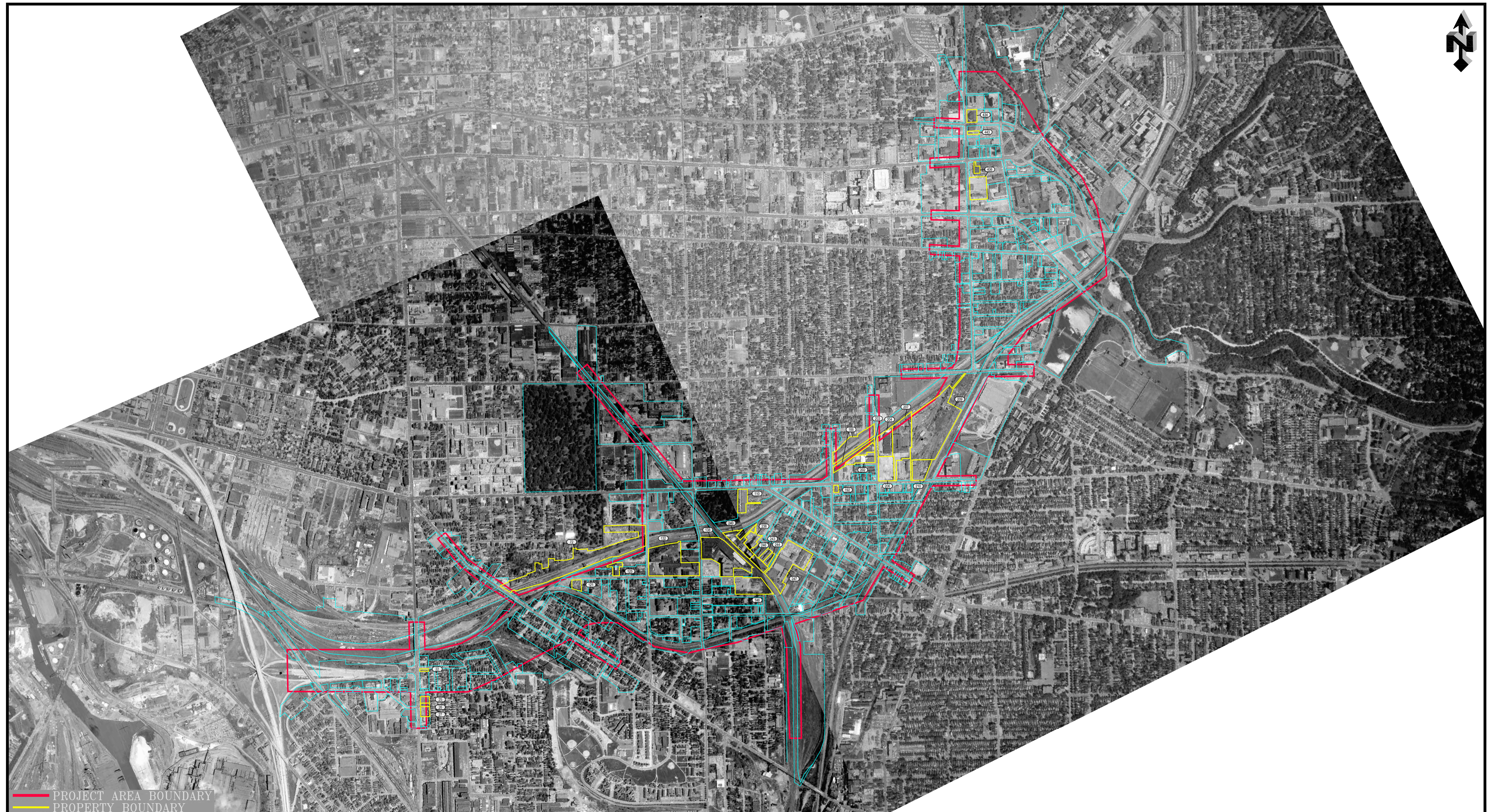
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PROPERTY BOUNDARY

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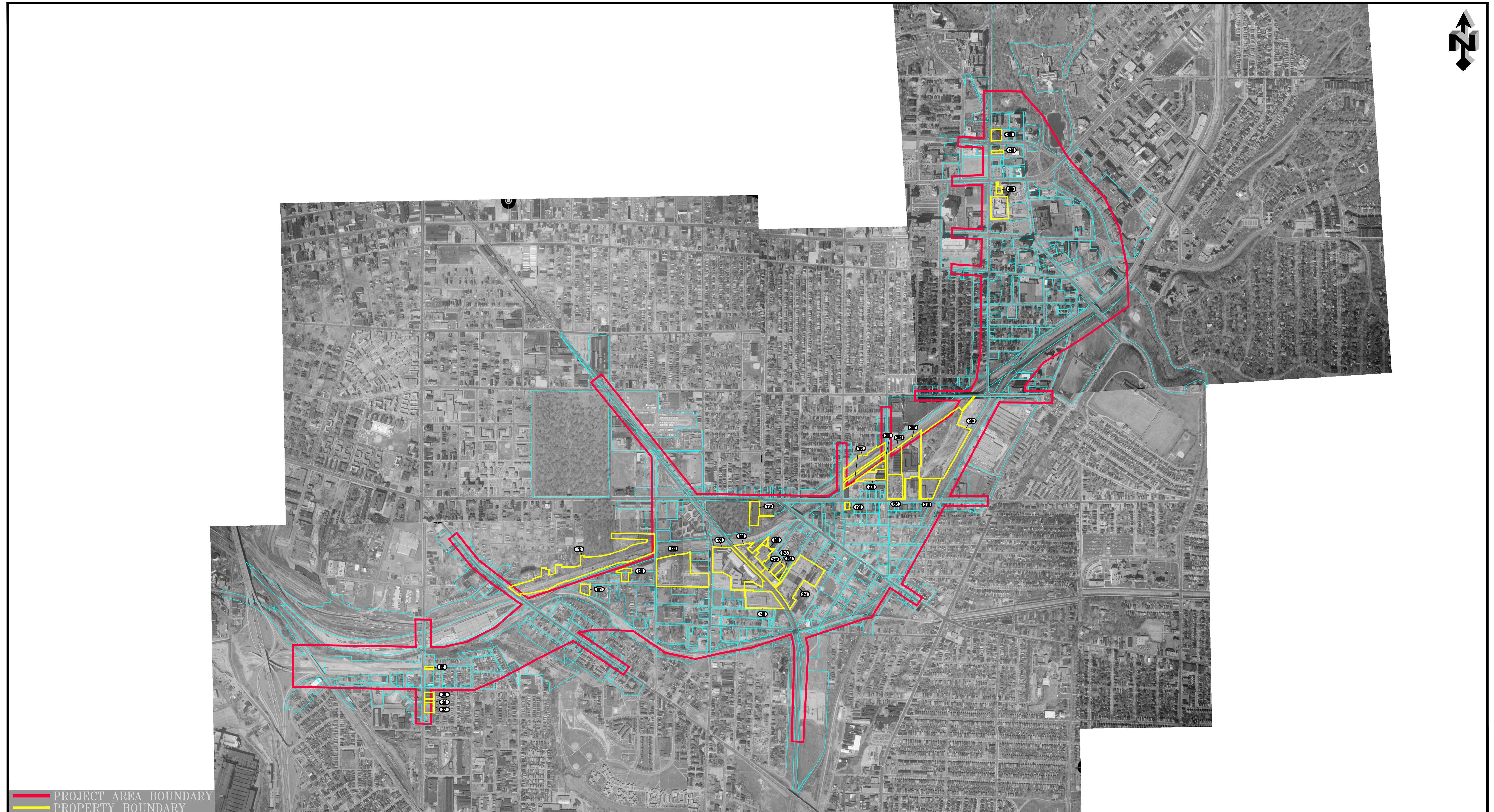


OPPORTUNITY CORRIDOR
CLEVELAND, CUYAHOGA COUNTY, OHIO

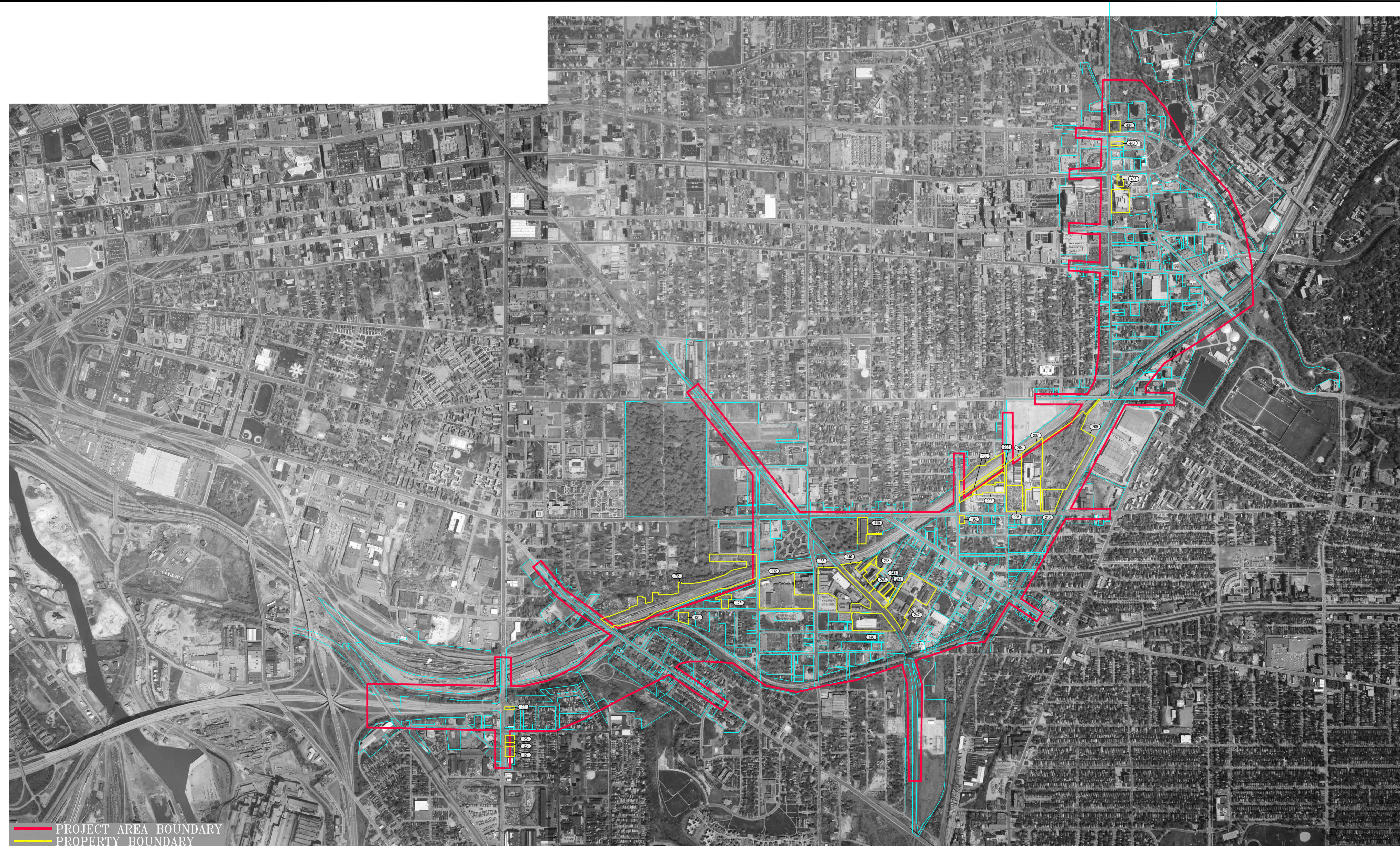
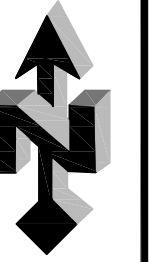
1973 AERIAL PHOTOGRAPH



1986 AERIAL PHOTOGRAPH



1999 AERIAL PHOTOGRAPH



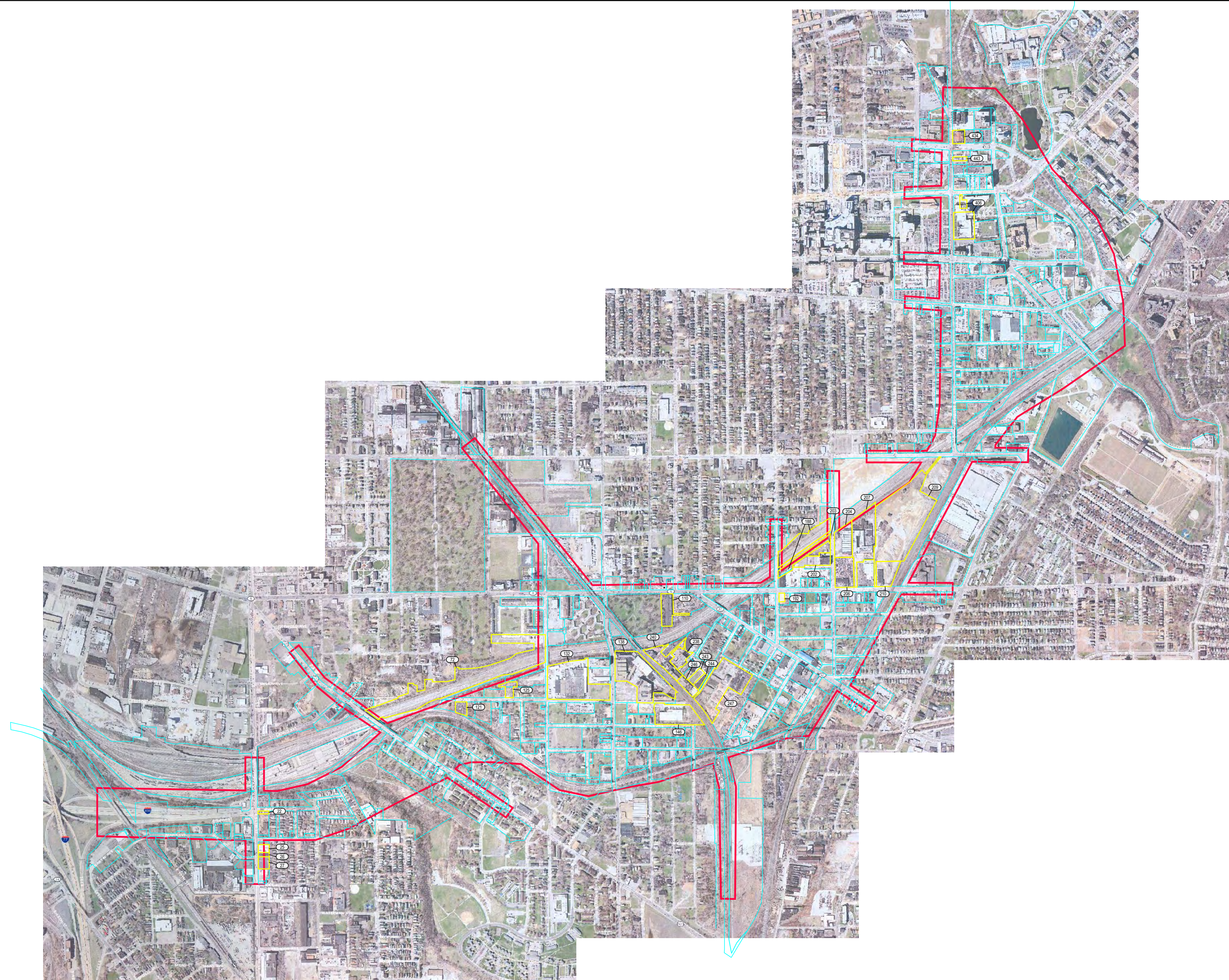
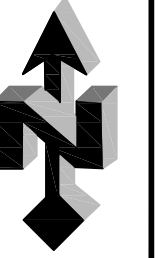
PROJECT AREA BOUNDARY
PROPERTY BOUNDARY



SCALE: 1"=800'
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OPPORTUNITY CORRIDOR
CLEVELAND, CUYAHOGA COUNTY, OHIO

2008 AERIAL PHOTOGRAPH



PROJECT AREA BOUNDARY
PROPERTY BOUNDARY



SCALE: 1"=800'
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OPPORTUNITY CORRIDOR
CLEVELAND, CUYAHOGA COUNTY, OHIO